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(54) Title: CARRIER PHASE GPS POSITIONING DEVICE AND METHOD

(57) Abstract: A carrier phase GPS positioning device is disclosed, which acquires a carrier phase accumulation value of satellite signals at one time on the mobile station side, associates plural carrier phase accumulation values on the reference station side at plural times prior to the one time with the carrier phase accumulation value on the mobile station side, and estimates an integer ambiguity included in the carrier phase accumulation value of signals transmitted from the satellite received by the mobile station.